

MATERIAL SAFETY DATA SHEET

This MSDS complies with OSHA'S Hazard Communication Standard 29 CFR 1910.1200 and OSHA Form 174

IDENTITY AND MANUFACTURER'S INFORMATION

NFPA Rating: Health-1; Flammability-1; Reactivity-0	
Manufacturer's Name: MKG Sales Associates, Inc. Address: 409 Bloomfield Dr. Unit 5 West Berlin, NJ 08091	Identity (trade name as used on label): Metal Polish
Date Prepared: 11/12/96 Prepared By: RR	MSDS Number: 2024000
Information Calls: (609)753-7111 EMERGENCY RESPONSE NUMBER: 414-354-6417	NOTICE: JUDGMENT BASED ON INDIRECT TEST DATA

SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS-CHEMICAL NAMES AND COMMON NAMES (Hazardous Components 1% or greater; Carcinogens 0.1% or greater)	CAS Number	OSHA PEL (ppm)	Approx. %	Carcinogenicity NTP IARC OSHA		
Ammonium hydroxide	1336-21-6	50	<4	No	No	No
Oxalic Acid	144-62-1	1 mg/ m3	<3	No	No	No
Mineral Spirits	8052-41-3	400	<3	No	No	No

SECTION 2 - PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point: 210 F	Specific Gravity (H2O=1): 1.16
Vapor Pressure: Not Det.	% Volatile: Not Det.
Vapor Density (air=1): Not Det.	Evaporation Rate (water = 1): <1.0
Solubility in Water: Soluble	pH: 9.5
Appearance and Odor: Opaque, tan cream, characteristic ammonia odor.	

SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

Flammable Limits	LEL: N/A	UEL: N/A
FLASH POINT AND METHOD USED (°F): None		
Unusual Fire & Explosion Hazards: None		
Special Fire Fighting Procedures: Cool drums in vicinity of fire with water fog. Fire fighters must wear full protective gear including self-contained breathing apparatus. Fire may produce hazardous fumes. Do not breathe smoke or mist.		
Extinguishing Media: Water, foam, carbon dioxide, dry chemical.		

SECTION 4 - REACTIVITY HAZARD DATA

STABILITY [X] STABLE [] UNSTABLE	HAZARDOUS POLYMERIZATION [] WILL [X] WILL NOT OCCUR
Incompatibility (Mat. to avoid): Acids	Condition to avoid: None
Hazardous Decomposition Products: Thermal decomposition may produce carbon monoxide, carbon dioxide and ammonia.	

SECTION 5 - HEALTH HAZARD DATA

TLV: Not established for mixture	
Effects of Overexposure:	Primary Routes of Exposure: Eye and skin contact, inhalation
Eyes: Severe irritation, redness, tearing, chemical burns.	Inhalation: Irritation of respiratory tract, dizziness, weakness, headache.
Skin: Irritation, redness, chapping on prolonged or repeated contact.	Ingestion: Burns to mucous membranes, nausea, dizziness, weakness, headache.

EMERGENCY FIRST AID PROCEDURES

Eye Contact: Flush eye and under eyelids with plenty of water for at least 15 minutes. If irritation persists, obtain medical attention.	
Skin Contact: Remove contaminated clothing and launder before reuse. Wash thoroughly with soap and water. If irritation persists, obtain medical attention.	
Ingestion: Do not induce vomiting. Call a physician or poison control center immediately. Give person several glasses of water. Never give anything by mouth to an unconscious person.	
Inhalation: Remove to fresh air.	
Medical conditions aggravated by exposure: N/D	

SECTION 6 - CONTROL AND PROTECTIVE MEASURES

Respiratory Protection: Use only with adequate ventilation.	
Protective Gloves: Rubber gloves.	Eye Protection: Chemical goggles
Ventilation Requirements: Local exhaust and/or mechanical ventilation recommended.	
Other Protective Clothing & Equipment: Emergency shower and eye wash facilities.	

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps To Be Taken If Material Is Spilled Or Released: Ventilate area. Wear suitable protective gear. Stop leak or spill by repositioning container and contain spilled material. Soak up on inert absorbent and place in closed container for disposal. Flush spill area with water.	
Waste Disposal Methods: Consult local environmental authorities for waste disposal in accordance with federal, state and local regulations.	
Precautions To Be Taken In Handling & Storage: Store in a cool, dry place. Keep container tightly closed when not in use.	
Other Precautions &/or Special Hazards: Keep out of reach of children.	

We believe the statements, technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

** Chemical Listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not Listed [e] Animal Data Only